

AUTHOR INDEX

- AGUADO, T., *see* CELADA, A.
 AHMAD, R., *see* EIBL, M.
 AMENDOLEA, M.A., *see* MASALA, C.
 ARTZ, R.P., JACOBSON, R.R. & BULLOCK, W.E.
 Decreased suppressor cell activity in disseminated granulomatous infections, 343
 ASCHER, M.S., JAHRLING, P.B., HARRINGTON, D.G., KISHIMOTO, R.A. & MCGANN, V.G.
 Mechanisms of protective immunogenicity of microbial vaccines: effects of cyclophosphamide pretreatment in Venezuelan encephalitis, Q fever and tularaemia, 225
 ASMA, G.E.M., *see* SCHUIT, H.R.E.
 AVALLONE, R., *see* BORDIGNON, C.
 BACCARD, M., *see* SEIGNEURIN, J.M.
 BAUM, H., *see* MEEK, F.
 BAUM, R., *see* MATHY, J.-P.
 BELEHU, A., *see* TOUW, J.
 BITENSKY, L., *see* LOVERIDGE, N.
 BOETTCHER, B., *see* SURRINDER, N.K.
 BORDIGNON, C., AVALLONE, R., PERI, G., POLENTARUTTI, N., MANGIONI, C. & MANTOVANI, A.
 Cytotoxicity on tumour cells of human mononuclear phagocytes: defective tumoricidal capacity of alveolar macrophages, 336
 BOTTAZZO, G.F., *see* LOVERIDGE, N.
 BOTTAZZO, G.F., *see* MIRAKIAN, R.
 BRATESCU, A., MAYER, E. & TEODORESCU, M.
 Factors affecting the differential counting of human lymphocyte subpopulations in blood smears, 547
 BROWN, J. & SMALLEY, M.E.
 Specific antibody-dependent cellular cytotoxicity in human malaria, 423
 BULLOCK, W.E., *see* ARTZ, R.P.
 BURGO, V., *see* FERRARI, F.A.
 BUSCHARD, K., MADSDAD, S. & RYGAARD, R.
 Depressed suppressor cell activity in patients with newly diagnosed insulin-dependent diabetes mellitus, 25
 CAMBIASO, C.L., *see* SINDIC, C.J.M.
 CARBONE, A., *see* PIANTELLI, M.
 CELADA, A., AGUADO, T., LAMBERT, P.H. & CRUCHAUD, A.
 Effect of autologous and homologous serum and circulating immune complexes on monocyte functions of patients with solid tumours, 326
 CELESTINO, D., *see* MASALA, C.
 CHAYEN, J., *see* LOVERIDGE, N.
 CRUCHAUD, A., *see* CELADA, A.
 DAHA, M.R., *see* KAUFFMANN, R.H.
 DALCHAU, R. & FABRE, J.W.
 Quantitative studies of the tissue distribution of the antigens recognized by rabbit anti-rat, -dog and -human lymphocyte sera, 182
 DAVIDSON, G.P., *see* LA BROOY, J.T.
 DAY, N.K., *see* WITKIN, S.S.
 DE GAST, G.C., *see* KALLENBERG, G.G.M.
 DINA, M.A., *see* PIANTELLI, M.
 DI PRIMA, M.A., *see* MASALA, C.
 DONIACH, D., *see* LOVERIDGE, N.
 DONIACH, D., *see* MEEK, F.
 DONIACH, D., *see* MIRAKIAN, R.
 DRUET, R., *see* ZANETTI, M.
 DUFFUS, W.P.H. & FRANKS, D.
 In vitro effect of immune serum and bovine granulocytes on juvenile *Fasciola hepatica*, 430
 DUMONT, F. & ROBERT, F.
 Age- and sex-dependent thymic abnormalities in NZB x SJL F₁ hybrid mice, 63
 EIBL, M., ZIELINSKI, CH., AHMAD, R., STEURER, F. & ROCKENSCHAUB, A.
 Plaque-forming cells in human cord blood: studies on T and B cell function, 176
 ENESTRÖM, S., *see* LINDSTRÖM, F.D.
 ER-HSIANG, L., *see* PERRIN, L.H.
 FABRE, J.W., *see* DALCHAU, R.
 FACER, C.A.
 Direct antiglobulin reactions in Gambian children with *P. falciparum* malaria. III. Expression of IgG subclass determinants and genetic markers and association with anaemia, 81
 FERNANDEZ, L.A. & FOX, R.A.
 Perturbation of the human immune system by lithium, 527
 FERRARI, F.A., MACCARIO, R., MARCONI, M., VITIELLO, M.A., UGAZIO, A.G., BURGIO, V. & SICCARDI, A.G.
 Reliability of alpha-naphthyl-acetate esterase staining of blood smears for the enumeration of circulating human T lymphocytes, 358
 FISHER, J.M., *see* LOVERIDGE, N.
 FLEUREN, G.J., GROND, J. & HOEDEMAEKER, PH.J.
 The pathogenetic role of free-circulating antibody in autologous immune complex glomerulonephritis, 205
 FLEUREN, G.J. & HOEDEMAEKER, PH.J.
 Triple-drug treatment of autologous immune complex glomerulonephritis, 218
 FOX, R.A., *see* FERNANDEZ, L.A.
 FRANKS, D., *see* DUFFUS, W.P.H.
 GAD EL RAB, M.O., THATCHER, D.R. & KAY, A.B.
 Widespread IgE-mediated hypersensitivity in the Sudan to the 'green nimiti' midge, *Cladotanytarsus lewisi* (Diptera: Chironomidae). II. Identification of a major allergen, 389
 GARDNER, J.D., *see* LOVERIDGE, N.
 GASBARRE, L.C., HUG, K. & LOUIS, J.A.
 Murine T lymphocyte specificity for African trypanosomes. I. Induction of a T lymphocyte-dependent proliferative response to *Trypanosoma brucei*, 97
 GOMEZ-REINO, J. & HABICHT, G.S.
 The effect of the plant lectins phytohaemagglutinin and concanavalin A on human T cell populations bearing receptors for IgG and IgM, 372
 GOOD, R.A., *see* GUPTA, S.
 GOOD, R.A., *see* WITKIN, S.S.
 GORAI, I., *see* HIRAHARA, F.
 GREAVES, M.F., *see* NEWMAN, R.A.
 GRIMALDI, G.F., MORIARTY, P.L. & HOFF, R.
Leishmania mexicana in C3H mice: BCG and

- levamisole treatment of established infections, 237
- GROND J., see FLEUREN, G.J.
- GUGLIELMI, P. & PREUD'HOMME, J.L. Stimulation of T lymphocytes by protein A from *Staphylococcus aureus* in B-derived chronic lymphocytic leukaemia, 136
- GUPTA, S. & GOOD, R.A. Subpopulations of human T lymphocytes. XV. T lymphocytes with receptors for IgA (T α), a distinct subpopulation of T lymphocytes. Studies in patients with primary immunodeficiency disorders, 363
- GUPTA, S., see WITKIN, S.S.
- HABICHT, G.S., see GOMEZ-REINO, J.
- HARRINGTON, D.G., see ASCHER, M.S.
- HASHIM, G.A., YEE, N. & RAMEY, W.G. The kinetics of T lymphocyte subpopulations in guinea-pigs sensitized with allogeneic transplantation antigens, 533
- HAUSAMEN, T.U., see LOVERIDGE, N.
- HAYWARD, A.R. Resistance of pokeweed mitogen-stimulated B cells to inhibition of deoxyadenosine, 141
- HED, J., see LINDSTRÖM, F.D.
- HEDDLE, R.J., KWITKO, A.O. & SHEARMAN, D.J.C. Specific IgM and IgG antibodies in IgA deficiency, 453
- HERRMANN, W.A., see KAUFFMANN, R.H.
- HERSEY, P., see WERKMEISTER, J.
- HUMANS, W., see SCHUIT, H.R.E.
- HINDOCHA, P., see PITCHER-WILMOTT, R.W.
- HIRAHARA, F., GORAI, I., TANAKA, K., MATSUZAKI, Y., SUMIYOSHI, Y. & SHIOJIMA, Y. Cellular immunity in pregnancy: subpopulations of T lymphocytes bearing Fc receptors for IgG and IgM in pregnant women, 353
- HIRAKI, S., see TSUBOTA, T.
- HODGSON, H.J.F., see VICTORINO, R.M.M.
- HOEDEMAEKER, PH.J., see FLEUREN, G.J.
- HOFF, R., see GRIMALDI, G.F.
- HOOKS, J.J., see IDA, S.
- HORVÁTH, M., SZONDY, E. & LADÁNYI, A. The effect of autologous serum, Oradexon and heparin on the cell-mediated immune response in vascular diseases, 521
- HUG, K., see GASBARRE, L.C.
- IDA, S., HOOKS, J.J., SIRAGANIAN, R.P. & NOTKINS, A.L. Enhancement of IgE-mediated histamine release from human basophils by immune-specific lymphokines, 380
- IMAMURA, S., see YANASE, K.
- ISRAEL, E., see MARGOLESE, R.G.
- ISSEKUTZ, A.C., MOVAT, K.W. & MOVAT, H.Z. Enhanced vascular permeability and haemorrhage-inducing activity of zymosan-activated plasma, 505
- ISSEKUTZ, A.C., MOVAT, K.W. & MOVAT, H.Z. Enhanced vascular permeability and haemorrhage-inducing activity of rabbit C5ades arg, probable role of polymorphonuclear leucocyte lysosomes, 512
- JACOBSON, R.R., see ARTZ, R.P.
- JÄHRING, P.B., see ASCHER, M.S.
- JAIN, V.C., see NAGARKATTI, P.S.
- KALLENBERG, C.G.M., DE GAST, G.C. & THE, T.H. Suppression of DNA synthesis by Con A-activated human lymphocytes: role of monocytes in Con A-induced suppression, 583
- KANG, J., see UENO, S.
- KUAFFMANN, R.H., HERRMANN, W.A., MEIJER, E.J.L.M., DAHA, M.R. & VAN ES, L.A. Circulating and tissue-bound immune complexes in allergic vasculitis: relationship between immunoglobulin class and clinical features, 459
- KAY, A.B., see GAD EL RAB, M.O.
- KHOURY, E.L., see MEER, F.
- KILSHAW, P.J. & SLADE, H. Passage of ingested protein into the blood during gastrointestinal hypersensitivity reactions: experiments in the pruruminant calf, 575
- KIMURA, I., see TSUBOTA, T.
- KISHIMOTO, R.A., see MCGANN, V.G.
- KOBAYASHI, T., see TSUBOTA, T.
- KOFER, R., TABARELLI, M., SCHWARZ, S., WOLF, H., LOEWIT, K. & WICK, G. Characterization of antisera against bovine prolactin for *in vivo* studies on prolactin function in the rat, 55
- KWITKO, A.O., see HEDDLE, R.J.
- LA BROOY, J.T., DAVIDSON, G.P., SHEARMAN, D.J.C. & ROWLEY, D. The antibody response to bacterial gastroenteritis in serum and secretions, 290
- LA BROOY, J.T., ROWLEY, D. & SHEARMAN, D.J.C. Measurements of intestinal antibody by radioimmunoassay, 281
- LADÁNYI, A., see HORVÁTH, M.
- LAMBERT, P.H., see CELADA, A.
- LAMBERT, P.H., see PERRIN, L.H.
- LAPPIN, D. & WHALEY, K. Effects of histamine on monocyte complement production. I. Inhibition of C2 production mediated by its action on H2 receptors, 497
- LATERRE, E.C., see SINDIC, C.J.M.
- LAURIOLA, L., see PIANTELLI, M.
- LEMMEL, E.M., see ZEMBALA, M.
- LINDSTRÖM, F.D., HED, J. & ENESTRÖM, S. Renal pathology of Waldenström's macroglobulinemia with monoclonal antoglobulin antibodies and nephrotic syndrome, 196
- LLOYD, R.S., see SCOTT-MORGAN, L.
- LOEWIT, K., see KOFER, R.
- LOUIS, J.A., see GASBARRE, L.C.
- LOVERIDGE, N., BITENSKY, L., CHAYEN, J., HAUSAMEN, T.U., FISHER, J.M., TAYLOR, K.B., GARDNER, J.D., BOTTAZZO, G.F. & DONIACH, D. Inhibition of parietal cell function by human gammaglobulin containing gastric parietal cell antibodies, 264
- LÖWENBERG, B., see SWART, K.
- MACARIO, A.J.L., STAHL, W. & MILLER, R. Lymphocyte subpopulations and function in chronic murine toxoplasmosis. I. Thy-1⁺ cells in chronic toxoplasmosis, 415
- MACCARIO, R., see FERRARI, F.A.
- MCCARTHY, W., see WERKMEISTER, J.
- MADSBAD, S., see BUSCHARD, K.
- MANGIONI, C., see BORDIGNON, C.

- MANTOVANI, A., *see* BORDIGNON, C.
MARCONI, M., *see* FERRARI, F.A.
MARGOLISE, R.G., ISRAEL, E. & WAINBERG, M.A. Non-specific inhibition of virus particles of human lymphocyte mitogenesis, 243
MASALA, C., SMURRA, G., DI PRIMA, M.A., AMENDOLEA, M.A., CELESTINO, D. & SALSANO, F. Gastric parietal cell antibodies: demonstration by immunofluorescence of their reactivity with the surface of the gastric parietal cells, 271
MASSON, P.L., *see* SINDIC, C.J.M.
MATHY, J.-P., BAUM, R. & TOH, B.H. Autoantibody to ribosomes and systemic lupus erythematosus, 73
MATSUZAKI, Y., *see* HIRAHARA, F.
MAYER, E., *see* BRATESCU, A.
MEEK, F., KHOURY, E.L., DONIACH, D. & BAUM, H. Mitochondrial antibodies in chronic liver diseases and connective tissue disorders: further characterization of the autoantigens, 43
MEHTA, K., SINDHU, R.K., SUBRAHMANYAM, D. & NELSON, D.S. IgE-dependent adherence and cytotoxicity of rat spleen and peritoneal cells to *Litomosoides carinii* microfilariae, 107
MEIJER, C.J.L.M., *see* KAUFFMANN, R.H.
MICOUIN, C., *see* SEIGNEURIN, J.M.
MILLER, R., *see* MACARIO, A.J.L.
MILLER, T.E. & STEWART, E. Host immune status in uraemia. I. Cell-mediated immune mechanisms, 115
MILLER, T.E., *see* STEWART, E.
MIRAKIAN, R., BOTTAZZO, G.F. & DONIACH, D. Autoantibodies to duodenal gastric-inhibitory-peptide (GIP) cells and to secretin (S) cells in patients with coeliac disease, tropical sprue and maturity-onset diabetes, 33
MIYOSHI, I., *see* TSUBOTA, T.
MORIEARTY, P.L., *see* GRIMALDI, G.F.
MOVAT, H.Z., *see* ISSEKUTZ, A.C.
MOVAT, K.W., *see* ISSEKUTZ, A.C.
MUSIANI, P., *see* PIANTELLI, M.
NAGARKATTI, M., *see* NAGARKATTI, P.S.
NAGARKATTI, P.S., NAGARKATTI, M. & JAIN, V.C. *In vivo* and *in vitro* action of chloroquine on surface markers of human peripheral lymphocytes, 166
NATH, I. & SINGH, R. The suppressive effect of *M. leprae* on the *in vitro* proliferative responses of lymphocytes from patients with leprosy, 406
NELSON, D.S., *see* MEHTA, K.
NEWMAN, R.A., ORMEROD, M.G. & GREAVES, M.F. The presence of HLA-DR antigens on lactating human breast epithelium and milk fat globule membranes, 478
NOTKINS, A.L., *see* IDA, S.
NYE, L., PONTES DE CARVALHO, L.C. & ROITT, I.M. Restrictions on the response to autologous thyroglobulin in the human, 252
ORMEROD, M.G., *see* NEWMAN, R.A.
PERI, G., *see* BORDIGNON, C.
PERRIN, L.H., RAMIREZ, E., ER-HSIANG, L. & LAMBERT, P.H. *Plasmodium falciparum*: characterization of defined antigens by monoclonal antibodies, 91
PIANTELLI, M., MUSIANI, P., LAURIOLA, L., CARBONE, A., TONALI, P. & DINA, M.A. Lymphocyte subpopulation in non-neoplastic thymus from myasthenia gravis patients, 19
PITCHER-WILMOTT, R.W., HINDOCHA, P. & WOOD, C.B.S. The placental transfer of IgG subclasses in human pregnancy, 303
POLENTARUTTI, N., *see* BORDIGNON, C.
PONTES DE CARVALHO, L.C., *see* NYE, L.
PREUD'HOMME, J.L., *see* GUGLIELMI, P.
RAMEY, W.G., *see* HASHIM, G.A.
RAMIREZ, E., *see* PERRIN, L.H.
RENVERSEZ, J.C., *see* SEIGNEURIN, J.M.
ROBERT, F., *see* DUMONT, F.
ROCKENSCHAUB, A., *see* EIBL, M.
ROITT, I.M., *see* NYE, L.
ROWLEY, D., *see* LA BROOY, J.T.
RYGAARD, J., *see* BUSCHARD, K.
SALSANO, F., *see* MASALA, C.
SATO, O., *see* TSUBOTA, T.
SCHUIT, H.R.E., HUMANS, W. & ASMA, G.E.M. Identification of mononuclear cells in human blood. I. Qualitative and quantitative data on surface markers after formaldehyde fixation of the cells, 559
SCHUIT, H.R.E. & HUMANS, W. Identification of mononuclear cells in human blood. II. Evaluation of morphological and immunological aspects of native and formaldehyde-fixed cell populations, 567
SCHWARZ, S., *see* KOFLER, R.
SCOTT-MORGAN, L. & LLOYD, R.S. Failure to demonstrate any interaction between polyclonal rheumatoid factors and IgG antinuclear antibodies or other IgG autoantibodies, 297
SEIGNEURIN, D., *see* SEIGNEURIN, J.M.
SEIGNEURIN, J.M., RENVERSEZ, J.C., BACCARD, M., SEIGNEURIN, D. & MICOUIN, C. Monoclonal cryoimmunoglobulin with anti-cytomegalovirus activity associated with T cell chronic lymphocytic leukaemia, 317
SHAHANI, S.K., *see* WITKIN, S.S.
SHEARMAN, D.J.C., *see* HEDDLE, R.J.
SHEARMAN, D.J.C., *see* LA BROOY, J.T.
SHIOJIMA, Y., *see* HIRAHARA, F.
SICCARDI, A.G., *see* FERRARI, F.A.
SINDHU, R.K., *see* MEHTA, K.
SINDIC, C.J.M., CAMBIASO, C.L., MASSON, P.L. & LATERRE, E.C. The binding of myelin basic protein to the Fc region of aggregated IgG and to immune complexes, 1
SINDIC, C.J.M., CAMBIASO, C.L., MASSON, P.L. & LATERRE, E.C. The elution of IgG from subacute sclerosing brains, 8
SINGH, U. *In vitro* lymphopoiesis in foetal thymic organ cultures: effect of various agents, 150
SINGH, R., *see* NATH, I.
SIRAGANIAN, R.P., *see* IDA, S.
SLADE, H., *see* KILSHAW, P.J.
SMALLEY, M.E., *see* BROWN, J.
SMURRA, G., *see* MASALA, C.
STAHL, W., *see* MACARIO, A.J.L.
STEURER, F., *see* EIBL, M.
STEWART, E. & MILLER, T.E. Host immune status in

- uraemia. II. Serum factors and lymphocyte transformation, 123
- STEWART, E., *see* MILLER, T.E.
- STONER, G.L., *see* TOUW, J.
- SUBRAHMANYAM, D., *see* MEHTA, K.
- SUMIYOSHI, Y., *see* HIRAHARA, F.
- SURRINDER, N.K. & BOETTCHER, B. Correlation between mixed lymphocyte culture and phytohaemagglutinin stimulation responses of human lymphocytes, 173
- SWART, K. & LÖWENBERG, B.A. Characterization of T lymphocyte colony-forming cells (TL-CFC) in human bone marrow, 541
- SZONDY, É., *see* HORVÁTH, M.
- TABARELLI, M., *see* KOFLER, R.
- TAKAHASHI, M., *see* UENO, S.
- TAKEUCHI, H., *see* UENO, S.
- TANAKA, K., *see* HIRAHARA, F.
- TARUI, S., *see* UENO, S.
- TAYLOR, K.B., *see* LOVERIDGE, N.
- TEODORESCU, M., *see* BRATESCU, A.
- THATCHER, D.R., *see* GAD EL RAB, M.O.
- THE, T.H., *see* KALLENBERG, C.G.M.
- TOH, B.H., *see* MATHY, J.-P.
- TONALI, P., *see* PIANTELLI, M.
- TOUW, J., STONER, G.L. & BELEHU, A. Effect of *Mycobacterium leprae* on lymphocyte proliferation: suppression of mitogen and antigen responses of human peripheral blood mononuclear cells, 397
- TSUBOTA, T., MIYOSHI, I., UNO, J., HIRAKI, S., KOBAYASHI, T., SATO, U. & KIMURA, I. Immunological distinction of adult T cell leukaemia from T cell acute lymphoblastic leukaemia, 130
- UENO, S., KANG, J., TAKEUCHI, H., TAKAHASHI, M. & TARUI, S. Specificities of antibody to acetylcholine receptor in rabbits with experimental myasthenia gravis, 13
- UGAZIO, A.G., *see* FERRARI, F.A.
- UNO, J., *see* TSUBOTA, T.
- URACZ, W., *see* ZEMBALA, M.
- VAN ES, L.A., *see* KAUFFMANN, R.H.
- VICTORINO, R.M.M. & HODGSON, H.J.F. Alteration in T lymphocyte subpopulations in inflammatory bowel disease, 156
- VITIELLO, M., *see* FERRARI, F.A.
- WAINBERG, M.A., *see* MARGOLESE, R.G.
- WERKMEISTER, J., ZAUNDERS, J., MCCARTHY, W. & HERSEY, P. Characterization of an inhibitor of cell division release in tumour cell cultures, 487
- WHALEY, K., *see* LAPPIN, D.
- WICK, G., *see* KOFLER, R.
- WITKIN, S.S., SHAHANI, S.K., GUPTA, S., GOOD, R.A. & DAY, N.K. Demonstration of IgG Fc receptor on spermatozoa and their utilization for the detection of circulating immune complexes in human serum, 441
- WOLF, H., *see* KOFLER, R.
- WOOD, C.B.S., *see* PITCHER-WILMOTT, R.W.
- YANASE, K. & IMAMURA, S. Immune complexes in patients with drug eruptions: the relationship between skin lesions and circulating immune complexes, 471
- YEE, N., *see* HASHIM, G.A.
- ZANETTI, M. & DRUET, P. Passive Heymann's nephritis as a model of immune glomerulonephritis, 189
- ZAUNDERS, J., *see* WERKMEISTER, J.
- ZEMBALA, M., LEMMEL, E.M. & URACZ, W. Activation of human monocytes for nitroblue tetrazolium reduction and the suppression of lymphocyte response to mitogens, 309
- ZIELINSKI, CH., *see* EIBL, M.

SUBJECT INDEX

- Acetylcholine receptor
 - and myasthenia gravis, 13
- Adenosine deaminase deficiency
 - and lymphocyte response to mitogens, 141
- Ageing
 - and thymic abnormalities, 63
- Allergen
 - in extract of *Cladotanytarsus lewisi*, 389
- Alpha-naphthyl-acetate esterase
 - stains blood smears, 358
- Anaemia
 - in *P. falciparum* malaria, 81
- Antibodies
 - antiglomerular, in macroglobulinaemia, 196
 - anti-nuclear, and RF, 297
 - IgM- and IgG-specific in IgA deficiency, 453
 - impair parietal cell function, 264
 - mitochondrial, in liver disease, 43
 - monoclonal, and *P. falciparum*, 91
 - parietal cell, and IF studies, 271
 - to Ig, in glomerulonephritis, 189
- Antibody
 - effect on *F. hepatica*, 430
 - free-circulating, in glomerulonephritis, 205, 218
 - intestinal, measured by RIA, 281
 - to AChR in myasthenia, 13
- Antibody-dependent cellular cytotoxicity
 - in malaria, 423
- Antibody production
 - by cord blood cells, 176
- Antibody response
 - to gastroenteritis, 290
- Anti-dog lymphocyte sera
 - analysis of, 182
- Antigenicity
 - of adult T cell leukaemia, 130
- Antigens
 - Transplantation, sensitize T lymphocytes, 533
- Antiglobulin reactions
 - in malaria, 81
- Anti-human lymphocyte sera
 - analysis of, 182
- Anti-rat lymphocyte sera
 - analysis of, 182
- Antisera
 - against bovine PRL, 55
- Asthma
 - in the Sudan, 389
- Autologous serum
 - effect on immune response, 521
- Azathioprine
 - treats AIC, 218
- Bacteria
 - used for lymphocyte counting, 547
- Basophils
 - and histamine release, 380
- B cell differentiation
 - and deoxyadenosine, 141
- BCG
 - treats leishmaniasis, 237
- Blood smears
 - identification of lymphocyte subpopulations, 547
 - staining for T cell enumeration, 358
- Bone marrow
 - T lymphocyte colonies from, 541
- Breast epithelium
 - HLA-DR antigens on, 478
- C2 production
 - effects of histamine on, 497
- Cancer
 - effects of CIC on monocyte function, 326
- Cell division
 - inhibited, and tumour growth, 487
- Chloroquine
 - effect on lymphocytes, 166
- Cladotanytarsus lewisi*
 - hypersensitivity to, 389
- Celiac disease
 - and hormone-secreting cells, 33
- Complement
 - and effects of histamine, 497
- Complexes
 - immune, *see* Immune complexes
- Concanavalin A
 - and DNA synthesis, 583
 - effect on T cell subpopulations, 372
- Connective tissue disorders
 - and mitochondrial antibodies, 43
- Cord blood
 - PFC in, 176
- Cyclophosphamide
 - and protective resistance, 225
 - treats AIC, 218
- Cytomegalovirus
 - and Ig antibody activity, 317
- Deoxyadenosine
 - and B cell differentiation, 141
- Diabetes
 - maturity-onset, and hormone-secreting cells, 33
 - mellitus, suppressor cells in, 25
- DNA synthesis
 - by Con A-activated lymphocytes, 583
- Drug eruptions
 - and immune complexes, 471
- Fasciola hepatica*
 - effect of antibody and granulocytes, 430
- Fc receptors
 - sperm, detect IC, 441
- Fc region
 - and MBP binding, 1
- Filariasis
 - cytotoxicity in, 107
- Formaldehyde
 - used in mononuclear cell identification, 559, 567
- Gastric-inhibitory peptide
 - and SCA, 33
- Gastritis
 - and role of PCA, 264

- Gastroenteritis
 - and intestinal antibody response, 290
- Gastrointestinal mucosa
 - consequences of a breach in, 575
- Genetic markers
 - in malaria, 81
- Glomerulonephritis
 - Heymann's, nephritis as a model of, 189
 - role of free-circulating antibody, 205, 218
- Granulocytes
 - effects on *F. hepatica*, 430
- Granulomatous infections
 - and suppressor cells, 343
- Haemorrhage
 - role of PMN lysosomes, 512
- Helper activity
 - of T cell subsets in pregnancy, 353
- Heparin
 - effect on immune response, 521
- Heymann's nephritis
 - a model of glomerulonephritis, 189
- Histamine
 - effects on C2 production, 497
- Histamine release
 - enhanced by lymphokines, 380
- HLA-DR antigens
 - on breast epithelium, 478
- Hypersensitivity
 - to *Cladotanytarsus lewisi*, 389
 - gastrointestinal, and protein passage into blood, 575
- IgA deficiency
 - IgM and IgG antibodies in, 453
- IgG
 - in SSPE and MS brains, 8
- IgG subclass determinants
 - in malaria, 81
- Immune complexes
 - and binding of MBP, 1
 - circulating, detected by sperm Fc receptors, 441
 - in cancer, 326
 - in vasculitis, 459
 - in glomerulonephritis, 205, 218
 - in patients with drug eruptions, 471
- Immune response
 - cell-mediated, induced by vascular antigens, 521
- Immune system
 - affected by lithium, 527
- Immunity
 - cell-mediated, in uraemia, 115
 - cellular, in pregnancy, 353
- Immunodeficiency
 - and T α cells, 363
- Immunoglobulins
 - class and features in vasculitis, 459
 - in placental transfer of immunity, 303
 - monoclonal, anti-CMV, 317
- Immunoregulation
 - and granulomatous infections, 343
- Immunosuppression
 - and tumour growth, 487
- Inflammation
 - ZAP induces PMN accumulation, 505
- Inflammatory bowel disease
 - T lymphocytes in, 156
- Interferon
 - and other mediators induced, 380
- Intestine
 - measurement of immune response, 281
- Leishmania mexicana*
 - and treatment by immunostimulants, 237
- Leishmaniasis
 - treatment by immunostimulants, 237
- Leprosy
 - and cellular immune functions, 397, 406
- Leukaemia
 - acute lymphoblastic, 130
 - adult T cell, 130
 - chronic lymphocytic, 136, 317
- Levamisole
 - treats leishmaniasis, 237
- Lithium
 - and lymphocyte function, 527
- Litomosoides carinii*
 - and IgE-dependent cytotoxicity, 107
- Liver disease
 - and mitochondrial antibodies, 43
- Lymphocyte response
 - inhibited by virus infection, 243
 - suppressed by monocytes, 309
- Lymphocytes
 - and effect of chloroquine, 166
 - in MG thymus, 19
 - in uraemia, 123
 - of the thymus, 63
- Lymphocyte subpopulations
 - in blood smears, 547
 - in toxoplasmosis, 415
- Lymphocyte suppression
 - by *M. leprae*, 397, 406
- Lymphokines
 - enhance histamine release, 380
- Lymphopoiesis
 - in foetal thymocytes, 150
- Macroglobulinaemia
 - Waldenström's, pathology of, 196
- Macrophages
 - alveolar, their tumoricidal capacity, 336
- Malaria
 - and ADCC, 423
 - and direct antiglobulin reactions, 81
 - and monoclonal antibodies, 91
 - use of chloroquine in treatment, 166
- Microfilariae
 - and IgE-dependent adherence, 107
- Milk fat globule membrane
 - HLA-DR antigens on, 478
- Mitochondria
 - antibodies to, 43
- Mixed lymphocyte culture
 - and PHA responses, 173
- Monocyte activation
 - and suppression of lymphocyte responsiveness, 309
- Monocytes
 - effects of histamine on complement production, 497
 - in cancer patients, 326
 - in Con A-induced suppression, 583
- Mononuclear cell
 - identification, use of formaldehyde, 559, 567

- Multiple sclerosis
 - IgG in, 1, 8
- Myasthenia gravis
 - and anti-AChR antibody titre, 13
 - and thymus lymphocytes, 19
- Mycobacterium leprae*
 - effect on lymphocyte proliferation, 397, 406
- Nephrotic syndrome
 - associated with macroglobulinaemia, 196
- Nitroblue tetrazolium reduction
 - and monocyte activation, 309
- Oradexon
 - effect on immune response, 521
- Panencephalitis
 - subacute sclerosing, IgG in, 8
- Parietal cell
 - antibodies, IF studies on, 271
 - impairment of function, 264
- Phagocytes
 - mononuclear, cytotoxicity on tumour cells, 336
- Phytohaemmagglutinin
 - effect on T cell subpopulations, 372
 - lymphocyte response to, 173
- Placenta
 - and transfer of IgG subclasses, 303
- Plaque-forming cells
 - in cord blood, 176
- Plasmodium falciparum*
 - and antiglobulin reactions, 81
 - and microassay for ADCC, 423
 - monoclonal antibodies to, 91
- Polymorphonuclear lysosomes
 - role in vascular injury, 512
- Prednisolone
 - treats AIC, 218
- Pregnancy
 - and cellular immunity, 353
 - and placental transfer of IgG, 303
- Progenitor cells
 - in the thymus, 150
- Prolactin
 - antisera against, 55
- Protection
 - by cyclophosphamide, 225
- Protein
 - myelin basic, interaction with IgG, 1
 - passes into blood, 575
- Protein A
 - stimulates T cells in B-CLL, 136
- Q fever
 - and CY pretreatment, 225
- Renal disease
 - in macroglobulinaemia, 196
- Rheumatoid factor
 - and ANA, 297
- Ribosomes
 - autoantibodies to, 73
- Secretin cells
 - and GIP cell autoantibodies, 33
- Spermatozoa
 - Fc receptors on, detect IC, 441
- Staphylococcus aureus*
 - protein A from, stimulates T cells, 136
- Suppression
 - of lymphocyte response, and monocyte activation, 309
- Suppressor activity
 - of T cell subsets in pregnancy, 353
- Suppressor cells
 - in diabetes, 25
 - in granulomatous infections, 343
- Suppressor factors
 - released in cell cultures, 487
- Surface markers
 - of mononuclear cells, 559
- Systemic lupus erythematosus
 - and anti-ribosomal antibody, 73
- T cells
 - enumerated by ANAE staining, 358
 - with receptors for IgA, 363
- T cell subpopulations
 - and effects of plant lectins, 372
- T lymphocytes
 - antigen-sensitive, 533
 - colonies from bone marrow, 541
 - and African trypanosomiasis, 97
 - B-CLL, 136
 - in IBD, 156
- Thymus
 - influence of age and sex on, 63
 - foetal, and lymphopoiesis, 150
 - non-neoplastic, in MG, 19
- Thyroglobulin
 - antibodies to, 252
- Thyroiditis
 - and response to Tg, 252
- Toxoplasma gondii*
 - a model for toxoplasmosis, 415
- Toxoplasmosis
 - and lymphocyte subpopulations, 415
- Tropical sprue
 - and hormone-secreting cells, 33
- Trypanosoma brucei*
 - and T lymphocyte activation, 97
- Trypanosomes
 - African, and T lymphocytes, 97
- Tularaemia
 - and CY pretreatment, 225
- Tumour cells
 - and cytotoxic activity of monocytes, 336
- Tumours
 - a suppressor factor facilitates growth, 487
- Uraemia
 - and cell-mediated immunity, 115
 - and lymphocyte function, 123
- Vascular disease
 - immune reactions in, 521
- Vascular injury
 - and ZAP, 505
- Vascular permeability
 - role of PMN lysosomes, 512

- Vasculitis
 allergic, and CIC, 459
Venezuelan encephalitis
 and CY pretreatment, 215
Virus infection
 and inhibition of lymphocyte response, 243
Waldenström's macroglobulinaemia
 renal pathology of, 196
Zymosan
 activates plasma, and PMN accumulation, 505

